



Cite this: DOI: 10.1039/d6cp90064j

Correction: A novel approach to quantitative morphology characterization of ceria nanoparticles based on their electron trap distribution patterns and the implications for catalysis

Bunsho Ohtani,^{*a} Michalis Konsolakis,^b Maria Lykaki,^b Kimitaka Higuchi^c and Mai Takashima^{*d}

DOI: 10.1039/d6cp90064j

rsc.li/pccp

Correction for 'A novel approach to quantitative morphology characterization of ceria nanoparticles based on their electron trap distribution patterns and the implications for catalysis' by Bunsho Ohtani *et al.*, *Phys. Chem. Chem. Phys.*, 2026, <https://doi.org/10.1039/d5cp03662c>.

The authors would like to correct Fig. 4 as the table in the original figure contained incorrect data values due to careless mistakes, the plot was almost unchanged. The other data and figures were all correct and no change was made in the results, discussion and conclusions.

peak	facet	TD/SSA	nm ⁻²
I	amor.	2.71	1.6
II	{100}	2.91	1.8
III	{110}	2.31	1.4
IV	{111}	1.81	1.1
V	low_V	1.68	1.0

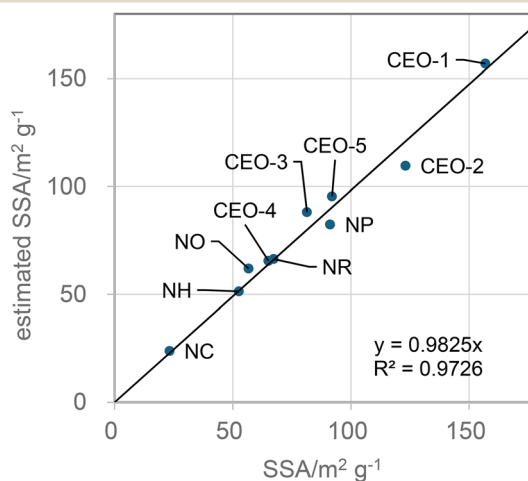


Fig. 4 (left) Evaluation of partial TD/SSA and area density of the ETs assuming that the measured TD/SSA is reproduced by a linear combination of the proportions (percentages) of peaks I, II, III, IV and V. (right) SSA estimated using the obtained partial TD/SSA compared with the actual SSA value.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

^a Nonprofit Organization touche NPO, 1-6-414, North 4, West 14, Chuo-ku, Sapporo 060-0004, Japan. E-mail: bunsho@touche-np.org

^b School of Production Engineering and Management, Technical University of Crete, GR-73100 Chania, Greece

^c Institute of Materials and Systems for Sustainability, Nagoya University, Furo-cho, Chikusa-ku, Nagoya 464-8603, Japan

^d Department of Industrial Chemistry, Faculty of Engineering, Tokyo University of Science, 6-3-1 Nijuku, Tokyo 125-8585, Japan. E-mail: takashima@ci.tus.ac.jp

